

UNIT N2 GILDERSOME SPUR
WAKEFIELD ROAD MORLEY LEEDS
WEST YORKSHIRE LS27 7JZ

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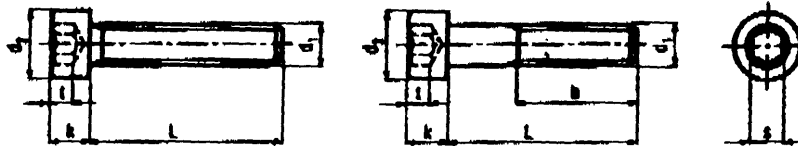
URL: http://www.barlowfasteners.co.uk

Socket head cap screws

DIN 912 12.9

ISO 4762
~ANSI B 18.3.1 M

DIN 7 ☐ black/fully threaded
 DIN 8 ☐ black/partially threaded
 DIN 11 ☐ zinc plated/fully threaded
 DIN 12 ☐ zinc plated/partially threaded
 DIN 1418 ☐ decromet pl./fully threaded
 DIN 1430 ☐ decromet pl./partially threaded



717 9492

Material: Steel
Property class: 12.9

717-8499

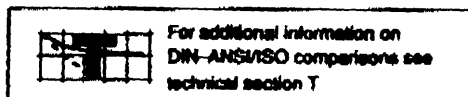
Tensile strength R_m : 1200 MPa (174000 psi)
Yield strength $R_{0.2}$: 1080 MPa (156800 psi)

717-8529

d1	([*] M1.6)	M1.6	([*] M1.7)	M2	([*] M2.5)	M2.5	([*] M2.6)	M3	M4	M5	M6	M8	M10
d2	2.5	3	3.2	3.6	4	4.5	5	5.5	7	8.5	10	13	16
b Nom. length		16		16		17		18	20	22	24	28	32
k	1.4	1.6	1.7	2	2.3	2.5	2.6	3	4	5	6	8	10
s	1.3	1.5	1.5	1.5	2	2	2	2.5	3	4	5	6	8
l min.	0.6	0.7	0.8	1	1.2	1.1	1.2	1.3	2	2.5	3	4	5
Proof load (N)		1210		1970		3280		4860	8520	13800	19500	35900	56300

d1	M12	(M14)	M16	([*] M18)	M20	([*] M22)	M24	([*] M27)	M30	([*] M33)	M36	([*] M42)	([*] M48)
d2	18	21	24	27	30	33	36	40	45	50	54	63	72
b Nom. length	36	40	44	48	52	56	60	66	72	78	84	96	108
k	12	14	16	18	20	22	24	27	30	33	36	42	48
s	10	12	14	14	17	17	18	19	22	24	27	32	36
l min.	8	7	8	9.8	10	11	12	13.8	15.5	18	19	24	28
Proof load (N)	81800	112000	152000	198000	238000	284000	342000	449000	548000	673000	782000		

*Dimensional specs. acc. to DIN 912



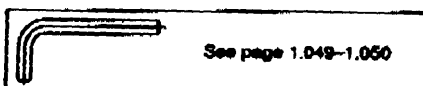
For additional information on
DIN-ANSI/ISO comparisons see
technical section T

717-9698.

- Table of weights see section T

- DIN 912 S.S. see page 1004-1011

- Flange socket head screws see page 1.022-1.023



See page 1.049-1.050

As a result of the electroplating process, fasteners in property classes ≥ 10.9 (>HRG 31) are susceptible to hydrogen embrittlement. Decromet coating not only eliminates the risk of hydrogen embrittlement but also offers an excellent corrosion protection.



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